

I had $\frac{7}{8}$ of a gallon of milk. My kids drank $\frac{2}{3}$ of a gallon of it. How much do I have left?

works

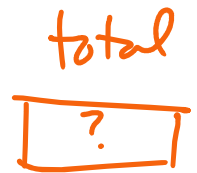
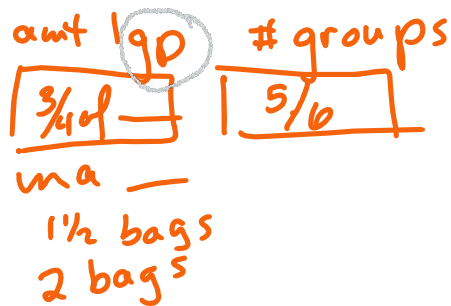
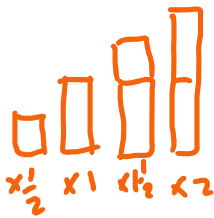
I had $\frac{7}{8}$ of a gallon of milk. My kids drank $\frac{2}{3}$ of it. How much do I have left?

has multiplication too (not $\frac{7}{8} - \frac{2}{3}$)

I had $\frac{7}{8}$ of a pie. My kids ate $\frac{2}{3}$ the whole pie. How much do I have left?

I have $\frac{2}{3}$ of a pie. Mary has $\frac{5}{6}$ of a pie. How much pie do we have altogether?

$$\frac{3}{4} \times \frac{5}{6}$$



$$\frac{3}{4} \times 2$$

A bag of candy has $\frac{3}{4}$ of a lb of candy. How much is in $\frac{5}{6}$ of a bag?

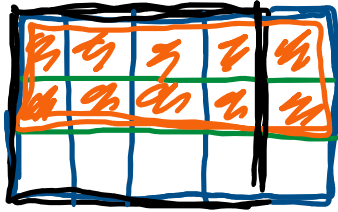
A jug has $\frac{4}{5}$ of a gallon of milk/ How much is in $\frac{5}{6}$ of a jug?

I can read a book in $\frac{3}{4}$ of an hour. How much time does it take to read $\frac{5}{6}$ of the book?

$$\frac{5}{6} \text{ of } \frac{3}{4} \text{ of an hour} = \frac{3}{4} \times \frac{5}{6}$$

4. Use a picture to solve each of these word problems. Label your pictures to show what a pound and what a box looks like in your diagram.

a. A full box of crackers holds $\frac{5}{4}$ lb of crackers. How many lbs of crackers is in $\frac{2}{3}$ of a box of crackers?



1 lb



1 lb



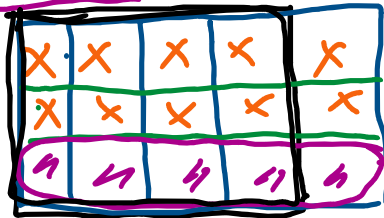
1 box

4x3 pieces in 1 lb
each is $\frac{1}{12}$

5x2 pieces = 10 pieces

$$\frac{10}{12}$$

b. A full box of crackers holds $\frac{5}{4}$ lb of crackers. If my friends eat $\frac{2}{3}$ of the box, how many lbs of crackers will be left?

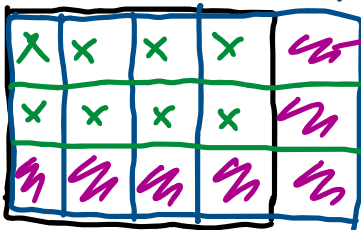


2 lb

crackers left = $\frac{5}{12}$ lb

4x3 pieces in 1 lb.
each $\frac{1}{12}$ lb.

c. A full box of crackers holds $\frac{5}{4}$ lb of crackers. If my friends eat $\frac{2}{3}$ lb of crackers, how many lbs of crackers will be left?



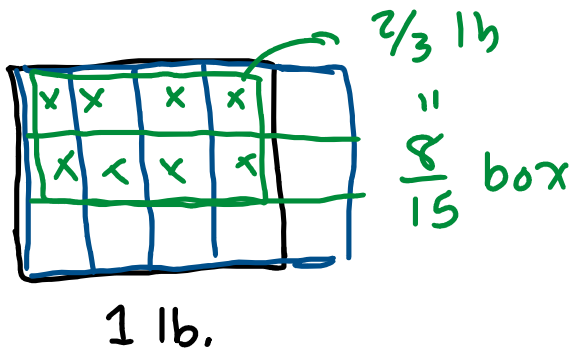
1 lb.

crackers left

$$\frac{7}{12} \text{ lb. left}$$

4x3 = 12 pieces in 1 lb.
each is $\frac{1}{12}$ lb.

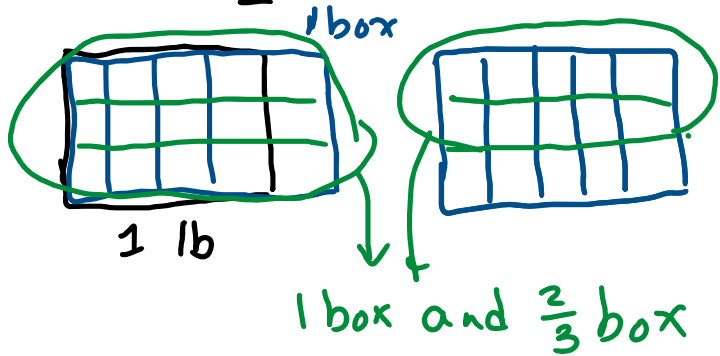
d. A full box of crackers holds $\frac{5}{4}$ lb of crackers. If I have $\frac{2}{3}$ lbs of crackers, how many boxes is that?



5×3 pieces in 1 box
 $\frac{1}{15}$ box

2×4 pieces = 8 pieces

e. A full box of crackers holds $\frac{5}{4}$ lb of crackers. If I have a box of crackers and another $\frac{2}{3}$ of a box of crackers, how many lbs of crackers do I have?

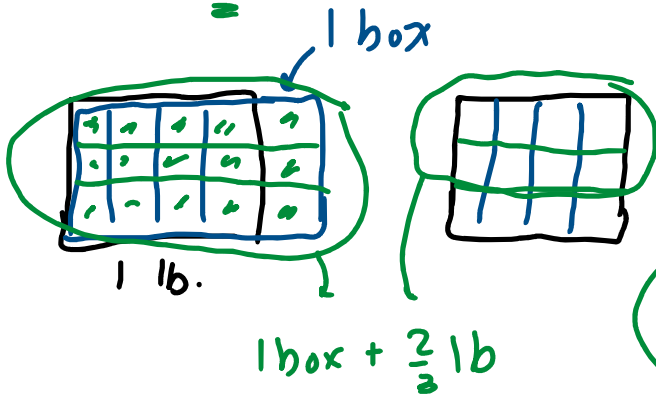


$$5 \times 3 + 5 \times 2 = 25 \text{ pieces in all}$$

$$\frac{25}{12} \text{ lbs of crackers}$$

4x3 pieces in 1 lb
 $\frac{1}{12}$ lb - each piece

f. A full box of crackers holds $\frac{5}{4}$ lb of crackers. If I have a box of crackers and another $\frac{2}{3}$ lbs of crackers, how many lbs of crackers do I have?

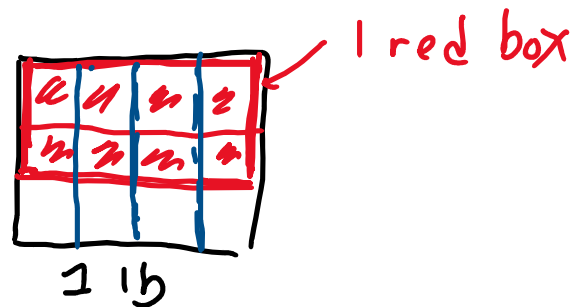
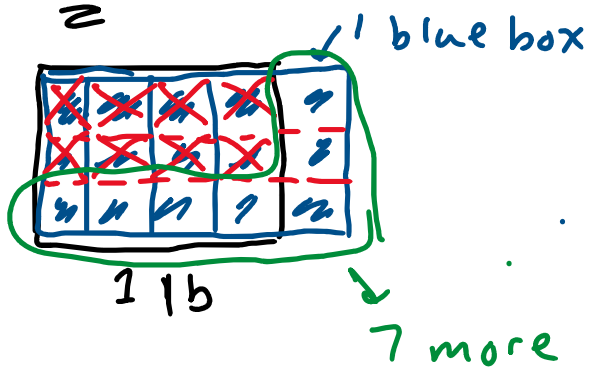


4x3 = 12 pieces in a lb.
 $\frac{1}{12}$ lb - each piece

$$\frac{23}{12} \text{ lb}$$

$$5 \times 3 + 4 \times 2 = 15 + 8 = 23 \text{ pieces}$$

g. A blue box of crackers holds $\frac{5}{4}$ lb of crackers. A red box of crackers holds $\frac{2}{3}$ lbs of crackers. How many more lbs of crackers are in a blue



12 = 3x4 pieces in 1 lb.
 $\frac{1}{12}$ lb = 1 piece

$$\frac{7}{12} \text{ lb}$$